

Abstract

Composite bodies, method for the production thereof and use thereof

5 Composites are described, comprising polyacetal and at least one thermoplastic polyamide elastomer formed by a polyacetal molding which has been partially or completely coated with the thermoplastic polyamide elastomer or onto which one or more moldings composed of the thermoplastic polyamide elastomer have been directly molded. The  
10 composites are characterized in that the polyacetal and the thermoplastic polyamide elastomer have been bonded adhesively or cohesively to one another via injection of the polyamide elastomer onto the polyacetal molding, and in that the tensile bond strength between the polyacetal and the thermoplastic polyamide elastomer is at least  $0.5 \text{ N/mm}^2$ .

15 The composites may be used as connectors, as functional components with integrated sealing properties and/or with integrated damping properties, or else as non-slip and easy-grip elements.